

Survey Area Map Unit Symbols and Names

Report—Survey Area Map Unit Symbols and Names

Survey Area Map Unit Symbols and Names—Hamilton County, Ohio		
National Map Symbol	Published Map Symbol	Map Unit Name
2qy77	AcUXC	Alfic Udarents-Urban land complex, clayey substratum over bedrock, 0 to 12 percent slopes
2qy78	AcUXD	Alfic Udarents-Urban land complex, clayey substratum over bedrock, 12 to 25 percent slopes
2qy79	AcUXF	Alfic Udarents-Urban land complex, clayey substratum over bedrock, 25 to 60 percent slopes
2qy70	AfUXC	Alfic Udarents-Urban land complex, fragipan substratum over till, 0 to 12 percent slopes
2qy72	AoUXC	Alfic Udarents-Urban land complex, loamy substratum over bedrock, 0 to 12 percent slopes
5p7d	ArA	Ava silt loam, 0 to 3 percent slopes
5p7f	ArB2	Ava silt loam, 3 to 8 percent slopes, eroded
5p7g	ArC2	Ava silt loam, 8 to 15 percent slopes, eroded
2qy73	AwUXC	Alfic Udarents-Urban land complex, loamy substratum over outwash, 0 to 12 percent slopes
2qy74	AyUXC	Alfic Udarents-Urban land complex, loamy substratum over till, 0 to 12 percent slopes
2qy75	AyUXD	Alfic Udarents-Urban land complex, loamy substratum over till, 12 to 25 percent slopes
2qy76	AyUXF	Alfic Udarents-Urban land complex, loamy substratum over till, 25 to 60 percent slopes
5p7m	BoD	Bonnell silt loam, 15 to 25 percent slopes
5p7n	BoE	Bonnell silt loam, 25 to 35 percent slopes
5p7p	BoF	Bonnell silt loam, 35 to 60 percent slopes
5p7q	CcC2	Casco gravelly loam, 8 to 15 percent slopes, eroded
5p7r	CdD	Casco loam, 15 to 25 percent slopes
5p7s	CdE	Casco loam, 25 to 35 percent slopes
5p7t	CdF	Casco loam, 35 to 70 percent slopes
1vrnh	CfE	Casco and Rodman gravelly loams, 18 to 35 percent slopes
1vrnf	CmB	Cincinnati silt loam, 2 to 6 percent slopes
1vrnj	CmC2	Cincinnati silt loam, 6 to 12 percent slopes, moderately eroded
5p7v	CnB2	Cincinnati silt loam, 3 to 8 percent slopes, eroded
5p7w	CnC2	Cincinnati silt loam, 8 to 15 percent slopes, eroded
2q6yl	CNWXFF	Chagrin-Nelse-Wheeling complex, 2 to 75 percent slopes, frequently flooded
2qy7l	Da	Dumps, ash
5p7x	DaB	Dana silt loam, 0 to 4 percent slopes
2q6yk	Dam	Dam
2q6yn	Dc	Dumps, coal

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1vrnk	DcB	Dana silt loam, 2 to 6 percent slopes
2q6yp	DI	Dumps, lime
5p7y	EcB2	Eden silty clay loam, 3 to 8 percent slopes, eroded
5p7z	EcC2	Eden silty clay loam, 8 to 15 percent slopes, eroded
5p80	EcD	Eden silty clay loam, 15 to 25 percent slopes
5p81	EcE	Eden silty clay loam, 25 to 40 percent slopes
1vrml	EcE2	Eden silty clay loam, 15 to 25 percent slopes, moderately eroded
1vrmm	EcF2	Eden silty clay loam, 25 to 50 percent slopes, moderately eroded
5p82	EdF	Eden flaggy silty clay loam, 40 to 60 percent slopes
5p86	EpA	Eldean loam, 0 to 2 percent slopes
5p87	EpB2	Eldean loam, 2 to 6 percent slopes, eroded
5p88	EpC2	Eldean loam, 6 to 12 percent slopes, eroded
2q6yt	EvB	Elkinsville silt loam, 2 to 6 percent slopes
2q6yv	EvC	Elkinsville silt loam, 6 to 12 percent slopes
2rkbc	FdA	Fincastle silt loam, Southern Ohio Till Plain, 0 to 2 percent slopes
5p8f	FoA	Fox loam, 0 to 2 percent slopes
5p8g	FoB2	Fox loam, 2 to 6 percent slopes, eroded
5p8j	Gn	Genesee loam, occasionally flooded
5p8l	HeF	Hennepin silt loam, 35 to 60 percent slopes
1vrmn	HmE2	Hennepin-Miamian silt loams, 18 to 25 percent slopes, moderately eroded
1vrmp	HmF	Hennepin-Miamian silt loams, 25 to 50 percent slopes
5p8m	HoA	Henshaw silt loam, 0 to 2 percent slopes
5p8n	Hu	Huntington silt loam, occasionally flooded
2Invq	JoR1A1	Jonesboro-Rossmoyne silt loams, 0 to 2 percent slopes
2Invp	JoR1B1	Jonesboro-Rossmoyne silt loams, 2 to 6 percent slopes
2Invn	JoR1B2	Jonesboro-Rossmoyne silt loams, 2 to 6 percent slopes, eroded
5p8p	Ju	Jules silt loam, occasionally flooded
5p8q	Lg	Lanier sandy loam, occasionally flooded
5p8r	MaB	Markland silty clay loam, 2 to 6 percent slopes
5p8s	MaC2	Markland silty clay loam, 6 to 12 percent slopes, eroded
5p8t	MaD2	Markland silty clay loam, 12 to 18 percent slopes, eroded
5p8v	MaE2	Markland silty clay loam, 18 to 25 percent slopes, eroded
5p8w	McA	Martinsville silt loam, 0 to 2 percent slopes
5p8x	McB	Martinsville silt loam, 2 to 6 percent slopes
5p8y	MnC2	Miamian silt loam, 8 to 15 percent slopes, eroded
5p8z	MoD2	Miamian-Hennepin silt loams, 15 to 25 percent slopes, eroded
5p90	MoE2	Miamian-Hennepin silt loams, 25 to 35 percent slopes, eroded

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2qy71	MoUXCO	Mollic Udarents-Urban land complex, loamy substratum, 0 to 12 percent slopes, occasionally flooded
1vrmq	MsC2	Miamian-Russell silt loams, bedrock substratum, 6 to 12 percent slopes, moderately eroded
2t4lh	OcA	Ockley silt loam, Southern Ohio Till Plain, 0 to 2 percent slopes
1vrmt	OcB	Ockley silt loam, 2 to 6 percent slopes
2q6z1	Pb	Pits, borrow
5p92	PbB2	Parke silt loam, 3 to 8 percent slopes, eroded
5p93	PbC2	Parke silt loam, 8 to 15 percent slopes, eroded
5p94	PbD	Parke silt loam, 15 to 25 percent slopes
5p95	PbE	Parke silt loam, 25 to 35 percent slopes
5p98	PfC	Pate silty clay loam, 8 to 15 percent slopes
5p99	PfD	Pate silty clay loam, 15 to 25 percent slopes
5p9b	PfE	Pate silty clay loam, 25 to 35 percent slopes
2qy7j	Pg	Pits, gravel
5p9d	Pn	Patton silty clay loam
5p9g	PrA	Princeton sandy loam, 0 to 2 percent slopes
5p9h	PrB	Princeton sandy loam, 2 to 6 percent slopes
5p9j	PrC2	Princeton sandy loam, 6 to 12 percent slopes, eroded
1vrmv	Ra	Ragsdale silty clay loam
5p9k	RdA	Raub silt loam, 0 to 2 percent slopes
1vrmw	Rm	Ross loam
5p9l	Rn	Ross loam, rarely flooded
1vrnn	RoC2	Rossmoyne silt loam, 6 to 12 percent slopes, moderately eroded
5p9p	RpC2	Rossmoyne silt loam, 8 to 15 percent slopes, eroded
1vrmy	RuB	Russell-Miamian silt loams, 2 to 6 percent slopes
1vrnz	RuB2	Russell-Miamian silt loams, 2 to 6 percent slopes, moderately eroded
1vrn0	RvB	Russell-Miamian silt loams, bedrock substratum, 2 to 6 percent slopes
1vrn1	RvB2	Russell-Miamian silt loams, bedrock substratum, 2 to 6 percent slopes, moderately eroded
1vrnx	RwB	Russell silt loam, 2 to 6 percent slopes
5p9t	RwB2	Russell silt loam, 3 to 8 percent slopes, eroded
1vrn3	Sh	Shoals silt loam
5p9w	St	Stonelick fine sandy loam, frequently flooded
5p9x	SwB2	Switzerland silt loam, 3 to 8 percent slopes, eroded
5p9y	SwC2	Switzerland silt loam, 8 to 15 percent slopes, eroded
5p9z	SwD2	Switzerland silt loam, 15 to 25 percent slopes, eroded
2pyy0	UAAXC	Urban land-Alfic Udarents-Ava complex, 0 to 12 percent slopes

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2pyym	UABXD	Urban land-Alfics Udarents-Bonnell complex, 12 to 25 percent slopes
2pyyc	UABXF	Urban land-Alfics Udarents-Bonnell complex, 25 to 60 percent slopes
2qh21	UACXC	Urban land-Alfics Udarents-Casco complex, 0 to 12 percent slopes
2pyyf	UACXD	Urban land-Alfics Udarents-Casco complex, 12 to 25 percent slopes
2pyyg	UACXF	Urban land-Alfics Udarents-Casco complex, 25 to 70 percent slopes
2pyyp	UADXC	Urban land-Alfics Udarents-Eldean complex, 0 to 12 percent slopes
2pyyl	UAEXC	Urban land-Alfics Udarents-Eden complex, 0 to 12 percent slopes
2pyyk	UAEXD	Urban land-Alfics Udarents-Eden complex, 12 to 25 percent slopes
2pyyj	UAEXF	Urban land-Alfics Udarents-Eden complex, 25 to 60 percent slopes
2pyyq	UAFXC	Urban land-Alfics Udarents-Fincastle complex, 0 to 12 percent slopes
2pyz4	UAGXC	Urban land-Alfics Udarents-Rossmoyne complex, 0 to 12 percent slopes
2qy7f	UAHXB	Urban land-Alfics Udarents-Henshaw complex, 0 to 6 percent slopes
2pyyr	UAJXC	Urban land-Alfics Udarents-Fox complex, 0 to 12 percent slopes
2pyz8	UAKXC	Urban land-Alfics Udarents-Elkinsville complex, 0 to 12 percent slopes
2pyz5	UALXC	Urban land-Alfics Udarents-Russell complex, 0 to 12 percent slopes
2pyyw	UAMXC	Urban land-Alfics Udarents-Markland complex, 0 to 12 percent slopes
2q6yw	UANXC	Urban land-Alfics Udarents-Miamian complex, 0 to 12 percent slopes
2pyyy	UANXD	Urban land-Alfics Udarents-Miamian complex, 12 to 25 percent slopes
2qh23	UAOXC	Urban land-Alfics Udarents-Princeton complex, 0 to 12 percent slopes
2pyyz	UAPXC	Urban land-Alfics Udarents-Parke complex, 0 to 12 percent slopes
2qy7b	UAPXD	Urban land-Alfics Udarents-Parke complex, 12 to 25 percent slopes
2qy7c	UAPXF	Urban land-Alfics Udarents-Parke complex, 25 to 50 percent slopes
2pyyh	UAQXC	Urban land-Alfics Udarents-Cincinnati complex, 0 to 12 percent slopes
2pyzb	UARXC	Urban land-Alfics Udarents-Martinsville complex, 0 to 12 percent slopes
2pyz6	UASXC	Urban land-Alfics Udarents-Switzerland complex, 0 to 12 percent slopes
2pyz7	UASXD	Urban land-Alfics Udarents-Switzerland complex, 12 to 25 percent slopes
2pyz0	UATXC	Urban land-Alfics Udarents-Pate complex, 0 to 12 percent slopes
2pyz1	UATXD	Urban land-Alfics Udarents-Pate complex, 12 to 25 percent slopes
2pyz2	UATXE	Urban land-Alfics Udarents-Pate complex, 25 to 35 percent slopes
2pyyb	UAVXC	Urban land-Alfics Udarents-Avonburg complex, 0 to 12 percent slopes
2pyzd	UAWXC	Urban land-Alfics Udarents-Wynn complex, 0 to 12 percent slopes
2pyzh	UAXXC	Urban land-Alfics Udarents-Xenia complex, 0 to 12 percent slopes
2pyy5	UbAXC	Urban land-Alfics Udarents complex, loamy substratum over bedrock, 0 to 12 percent slopes
2pyy6	UbAXD	Urban land-Alfics Udarents complex, loamy substratum over bedrock, 12 to 25 percent slopes
2pyy7	UcAXC	Urban land-Alfics Udarents complex, clayey substratum over bedrock, 0 to 12 percent slopes

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2pyy8	UcAXD	Urban land-Alfic Udarents complex, clayey substratum over bedrock, 12 to 25 percent slopes
2pyy9	UcAXF	Urban land-Alfic Udarents complex, clayey substratum over bedrock, 25 to 60 percent slopes
2pyzl	UdMXCO	Urban land-Mollic Udarents complex, loamy substratum, 0 to 12 percent slopes, occasionally flooded
2qy7k	Udo	Udorthents
2q6yx	UdoO	Udorthents, occasionally flooded
2pyzj	UfAXC	Urban land-Alfic Udarents complex, fragipan substratum over till, 0 to 12 percent slopes
2pyy3	UfUXF	Urban land-Udorthents complex, refuse substratum, 0 to 50 percent slopes
2pyys	UHGXAO	Urban land-Haplic Udarents-Genesee complex, 0 to 2 percent slopes, occasionally flooded
2pyyt	UHJXAO	Urban land-Haplic Udarents-Jules complex, 0 to 2 percent slopes, occasionally flooded
2pyzf	UHSXAF	Urban land-Haplic Udarents-Stonelick complex, 0 to 2 percent slopes, frequently flooded
2pyzg	UHWXAO	Urban land-Haplic Udarents-Wakeland complex, 0 to 2 percent slopes, occasionally flooded
2q6ys	UMDXC	Urban land-Mollic Udarents-Dana complex, 0 to 12 percent slopes
2pyz9	UMHXAO	Urban land-Mollic Udarents-Huntington complex, 0 to 2 percent slopes, occasionally flooded
2pyyv	UMLXAO	Urban land-Mollic Udarents-Lanier complex, 0 to 2 percent slopes, occasionally flooded
2qy7g	UMRXA	Urban land-Mollic Udarents-Raub complex, 0 to 2 percent slopes
2pyz3	UMSXAR	Urban land-Mollic Udarents-Ross complex, 0 to 2 percent slopes, rarely flooded
2qy7h	UoAXC	Urban land-Alfic Udarents complex, loamy substratum, 0 to 12 percent slopes
2q6yq	Ur	Urban land
2q6yz	UrO	Urban land, 0 to 12 percent slopes, occasionally flooded
2q6yr	UrUXC	Urban land-Udorthents complex, 0 to 12 percent slopes
2q6yy	UrUXCO	Urban land-Udorthents complex, 0 to 12 percent slopes, occasionally flooded
2pyy2	UsUXF	Urban land-Udorthents complex, smoothed, 0 to 50 percent slopes
2q6yj	UtAXC	Urban land-Alfic Udarents complex, loamy substratum over till, 0 to 12 percent slopes
2q6yh	UtAXD	Urban land-Alfic Udarents complex, loamy substratum over till, 12 to 25 percent slopes
2q6z0	UtAXF	Urban land-Alfic Udarents complex, loamy substratum over till, 25 to 60 percent slopes
5pb9	UTPXAP	Urban land-Typic Endoaquents-Patton complex, 0 to 2 percent slopes, ponded
2pyy1	UuBXAB	Urban land-Udarents complex, wet substratum, 0 to 6 percent slopes
2qh22	UUWFFF	Urban land-Udorthents-Wheeling complex, 2 to 75 percent slopes, frequently flooded
2pyzk	UwAXC	Urban land-Alfic Udarents complex, loamy substratum over outwash, 0 to 12 percent slopes
2q6yf	UwAXD	Urban land-Alfic Udarents complex, loamy substratum over outwash, 12 to 25 percent slopes
2qy7d	UwAXF	Urban land-Alfic Udarents complex, loamy substratum over outwash, 25 to 70 percent slopes
5pbd	W	Water

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5pbf	Wa	Wakeland silt loam, occasionally flooded
5pbg	WbA	Warsaw variant sandy loam, 0 to 2 percent slopes
1vrn7	WcA	Warsaw loam, 0 to 3 percent slopes
5pbh	WeA	Wea silt loam, 0 to 2 percent slopes
5pbj	WhA	Whitaker loam, 0 to 2 percent slopes
2lnvs	WsS1A1	Westboro-Schaffer silt loams, 0 to 2 percent slopes
1vrn8	WyB	Wynn silt loam, 2 to 6 percent slopes
1vrn9	WyB2	Wynn silt loam, 2 to 6 percent slopes, moderately eroded
1vrnb	WyC2	Wynn silt loam, 6 to 12 percent slopes, moderately eroded
2t98p	XfA	Xenia silt loam, Southern Ohio Till Plain, 0 to 2 percent slopes
5pbl	XfB2	Xenia silt loam, 2 to 6 percent slopes, eroded
1vrnc	XhB	Xenia silt loam, bedrock substratum, 2 to 6 percent slopes
1vrnd	XhB2	Xenia silt loam, bedrock substratum, 2 to 6 percent slopes, moderately eroded

Data Source Information

Soil Survey Area: Hamilton County, Ohio
 Survey Area Data: Version 14, Sep 15, 2014